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CERTIFICATE OF Applicant(s): Xiang Li	Docket No. 133697-0022								
Application No. 10/567,413	Filing Date February 3, 2006	Examiner Unknown	Customer No. 35684	Group Art Unit Unknown					
Invention: THE PREPARATION METHOD OF OUTSIDE-IN POLY VINYLIDENE FLUORIDE HOLLOW FIBER MEMORIANE SPINNED UTILIZING A IMMERSION-COAGULATION METHOD AND THE PRODUCT THEREOF									
JUL 3 1 2006 W									
I hereby certify that this IDS (w/8 Patent and 5 non-patent reference copies and Form PTO-1449 (3 Sheets))  (Identify type of correspondence)									
is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on									
Michael S. Gzybowski  (Typed or Printed Name of Person Mailing Correspondence)  (Signature of Person Mailing Correspondence)									
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No.

PATENT APPLICATION

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THADE IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group

Art Unit:

Unknown

Attorney

Docket No.:

133697-0022

Applicant:

Xiang LI et al.

Invention:

THE PREPARATION METHOD OF OUTSIDE-IN POLY VINYLIDENE FLUORIDE HOLLOW FIBER MEMBRANE SPINNED UTILIZING A IMMERSION-COAGULATION METHOD AND

THE PRODUCT THEREOF

Serial No:

10/567,413

Filed:

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Examiner:

Unknown

Certificate Of Mailing Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450 on November 13,

2003

Michael S. Gzybowski

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants wish to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicants respectfully request that these documents be made of record in the present application.

This Information Disclosure Statement is being filed after three months of the U.S. filing date, but before the mailing date of the first Office Action on the merits. No certification or fee is required.

Please charge the any fees due in connection with the filing of this paper to Deposit Account No. 12-2136 and please credit any excess fees to such deposit account.

Respectfully submitted,

Michael S. Gzybowy

Reg. No. 32,816

BUTZEL LONG 350 South Main Street Suite 300 Ann Arbor, Michigan 48104

(734) 995-3110

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'EXAMINER' INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
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	2003/0094409	05-22-2003	Minegishi et al.						
	2004/0191894	09-30-2004	Muller et	al.					
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	Jian et al., "Asymmet Membrane Science Vol	ric PVDF Hollow ume 135, Issue 1	/-Fiber Me 12 Noveml	embranes for Organic/W per 1997, Pages 41-53	ater Pervaporat	ion Separation	ns," Journ	al of	
	D. Wang et al., "Porous Journal of Membrane S	s PVDF Asymmet Science Volume 1	ric Hollow 78, Issues	v Fiber Membranes Prej 1-2 15 September 2000,	Pages 13-23	se of Small Mo	olecular Ad	ditives,"	
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Form PTO-A820 (also form PTO-1449) P09C/REV04

## ATTY DOCKET NO. APPLICATION NO. 133697-0022 10/567,413 INFORMATION DISCLOSURE CITATION Xiang LI et al. (Use several sheets if necessary) FILING **GROUP ART** February 3, 2006 Unknown **U.S. PATENT DOCUMENTS** \*EXAMINER FILING DATE DOCUMENT NUMBER NAME CLASS SUBCLASS DATE INITIAL IF APPROPRIATE 5,489,406 02-06-1996 Beck et al. **U.S. PATENT APPLICATION PUBLICATIONS** \*EXAMINER FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS INITIAL IF APPROPRIATE **FOREIGN PATENT DOCUMENTS** TRANSLATION COUNTRY DOCUMENT NUMBER DATE CLASS **SUBCLASS** YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

D. Wang et al., "Preparation and Characterization of Polyvinylidene Fluoride (PVDF) Hollow Fiber Membranes," Journal of Membrane Science Volume 163, Issue 2, 1 November 1999, Pages 211-220

D. Lin et al., "Microporous PVDF Membrane Formation by Immersion Precipitation from Water/TEP/PVDF System," Desalination 145 (2002) 25-29

**EXAMINER** 

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. 133697-0022	APPLICATION NO. 10/567,413					
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		Ultrafiltration," Polymer	r Volume 43, Issu	ue 14 June	on of Colyvinylidene Fluori e 2002, Pages 3879-3890					
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